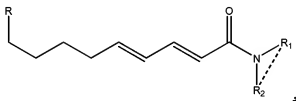


AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Original) A mixture of at least four alkadienamides, each of which is defined according to the structure:



wherein R represents C₁ – C₂ n-alkyl; R₁ is 2-methyl-1-propyl and R₂ is hydrogen, or R₁ and R₂ taken together is a moiety having the formula –(CH₂)_n–, wherein n is 4 or 5.

2. (Currently amended) A composition ~~of matter~~ comprising from about 3% ~~by weight up~~ to about 100% by weight of the ~~composition~~ mixture of claim 1.

3. (Currently amended) The mixture of claim 1, wherein the four alkadienamides are ~~comprising the compounds:~~

N-isobutyl-E2, E4-decadienamide[;],
N-isobutyl-E2, E4-undecadienamide[;],
N-pyrrolidyl-E2, E4-decadienamide[;], and
N-piperidyl-E2, E4-decadienamide,

4. (Currently amended) ~~The mixture of claim 2 comprising the compounds:~~

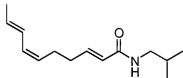
- i. — N-isobutyl-E2, E4-decadienamide;
- ii. — N-isobutyl-E2, E4-undecadienamide;
- iii. — N-pyrrolidyl-E2, E4-decadienamide; and
- iv. — N-piperidyl-E2, E4-decadienamide

A composition comprising from about 3% to about 100% by weight of the mixture of claim 3.

5-37. (Canceled)

38. (Currently amended) The ~~composition~~ mixture of claim 1 in admixture with a composition comprising a sensate selected from the group consisting of ~~at least one~~ a cooling sensate, ~~at least one~~ a warming sensate, and ~~at least one~~ a tingling sensate.

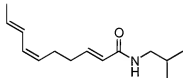
39. (Currently amended) The ~~composition~~ mixture of claim 38, ~~wherein the composition comprising comprises a substantial quantity and concentration of a~~ the tingling sensate selected from the group consisting of ~~substantially pure~~ a spilanthal having the structure:



, *Acmella ciliata*, *Acmella (Spilanthes) oppositifolia*, *Anacyclus pyrethrum* D.C., *Spilanthes acmella* L. var. *oleraceae* (Jambu), and *Heliopsis longipes* S.F. Blake (*Chilcuan*).

40. (Currently amended) The ~~composition~~ mixture of claim 3 in admixture with a composition comprising a sensate selected from the group consisting of ~~at least one~~ a cooling sensate, ~~at least one~~ a warming sensate, and ~~at least one~~ a tingling sensate.

41. (Currently amended) The ~~composition~~ mixture of claim 40, ~~wherein the composition comprising comprises a substantial quantity and concentration of a~~ the tingling sensate selected from the group consisting of ~~substantially pure~~ a spilanthal having the structure:



[[.]], *Acmella ciliata*, *Acmella (Spilanthes) oppositifolia*, *Anacyclus pyrethrum* D.C., *Spilanthes acmella* L. var. *oleraceae* (Jambu), and *Heliopsis longipes* S.F. Blake (*Chilcuan*).

42-50. (Canceled)